

# Open Access and Plan S for Researchers

Gareth O'Neill  
KRECon 2019  
NTK in Prague  
07 November 2019



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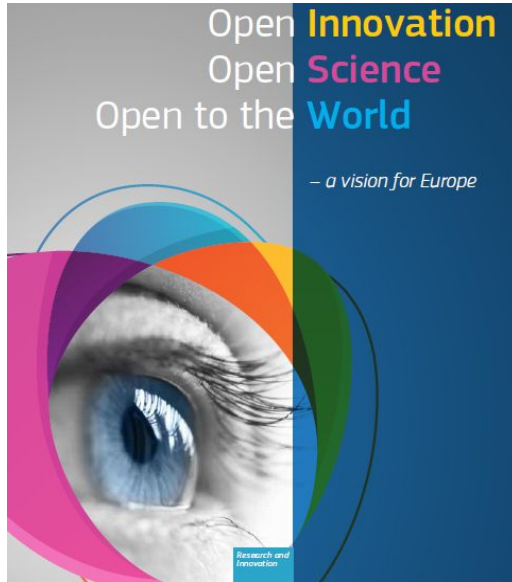


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# Open Science policy in Europe



European Commission (2016)

- OI involve more stakeholders in the innovation process
- OS facilitate more open research via digital tools
- OW support more societal impact & collaboration both in and outside Europe



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# What is Open Science?

<b>OPEN ACCESS</b> Green Route Publishing Gold Route Publishing	<b>OPEN DATA</b> Findable   Accessible Interoperable   Reusable	<b>OPEN EDUCATION</b> Student materials Teacher materials
<b>CITIZEN SCIENCE</b> Citizen Engagement Science Communication	<b>OPEN SCIENCE</b>	<b>OPEN EVALUATION</b> Open Peer Review Alternate Metrics
<b>OPEN SOURCE</b> Open Hardware Open Software	<b>OPEN METHODOLOGY</b> Preregistration Open Notebook	<b>OPEN LICENSING</b> Attribution   Share-Alike Commercial   Derivative

Masuzzo & Martens (2017) | FOSTER Taxonomy of Open Science



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# Why do Open Science?



- opens access to research
- increases discoverability
- increases (social) impact
- facilitates reproducibility
- shares & saves resources
- > be 'as open as possible'!



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# What's wrong with scholarly publishing?



[Buranyi \(2017\)](#)



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# Closed versus Open Access

**PAYWALL**  
The Business of Scholarship

- subscriptions to journals
- closed access for library
- paid access for all others

Open  
Access



- free access for all to read
- draft version in repository
- final version in the journal

[O'Neill \(2018\)](#) | [Paywall the Movie](#)

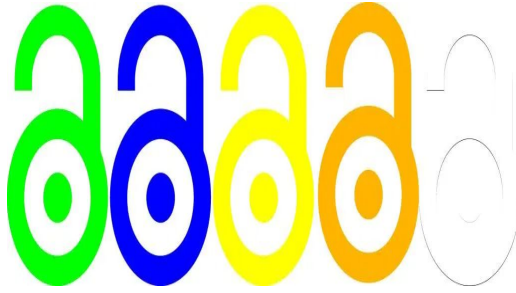


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# Key Issues in Open Access



 **creative commons**

Attribution

Noncommercial

Non-Derivatives

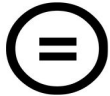
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Compulsory - Must always credit me.



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by @iPad4Wellis more info at iPad4Schools.org

- full v hybrid journals
- immediate v delayed
- copyright & licensing
- green v gold v diamond
- APCs & read/publish
- impact factor & brand
- research(er) evaluation



Suber (2015)

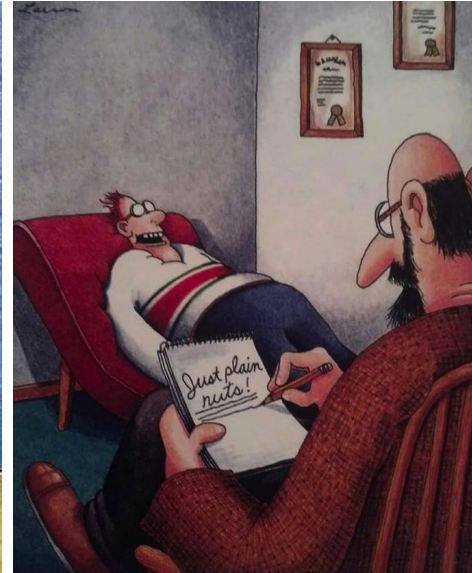
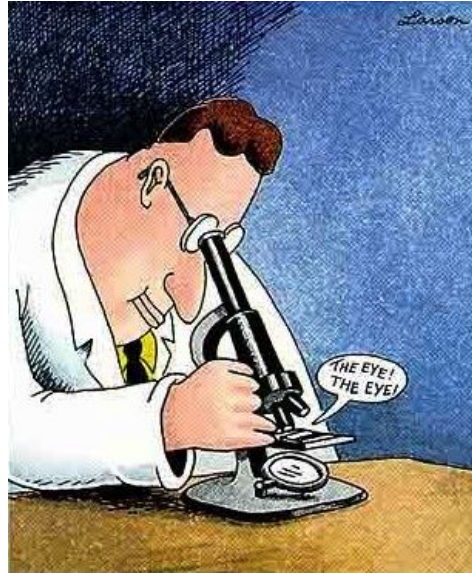
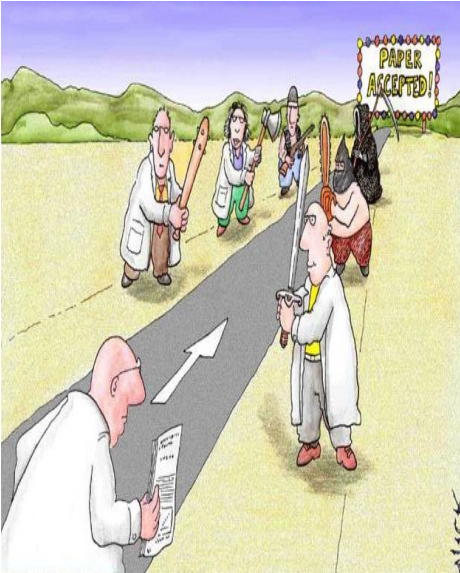


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# Main issues for early-career researchers



[O'Neill & Storti \(2018\)](#) | [O'Neill & Hnátková \(2018\)](#) | [O'Neill & Schroijsen \(2018\)](#)



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# Open Access via Plan S



Plan S

- cOAlition S behind Plan S
- national research funders
- research publishing policy
- all articles in Open Access
- access is full & immediate
- 10 principles to implement
- deadline is 01 January 2021



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# Funders of Plan S

## National funders



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## Charitable and international funders



## European funders



## Plan S Funders

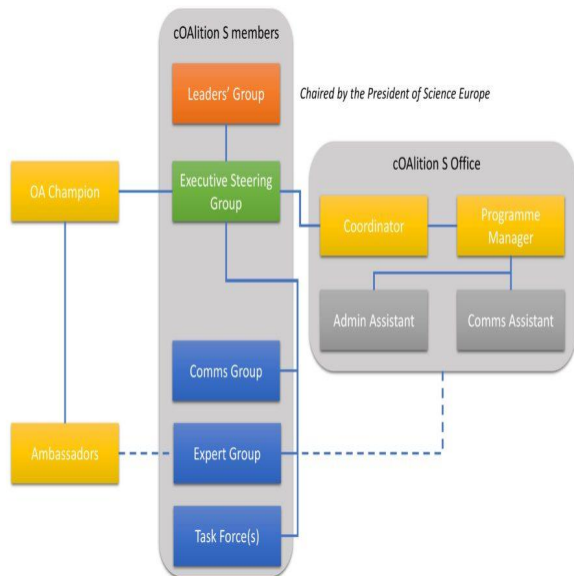


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# Ambassadors of Plan S



## Ambassadors



Virginia Barbour



Alain Beretz



Jean-Sébastien Caux



Susmita Das



Martin Paul Eve



Sabina Leonelli



Elizabeth Marincola



Erin McKiernan



Frank Miedema



Cameron Neylon



Gareth O'Neill



Ahmed Ogunlaja



Jessica Polka



Harold Varmus

## Plan S Ambassadors

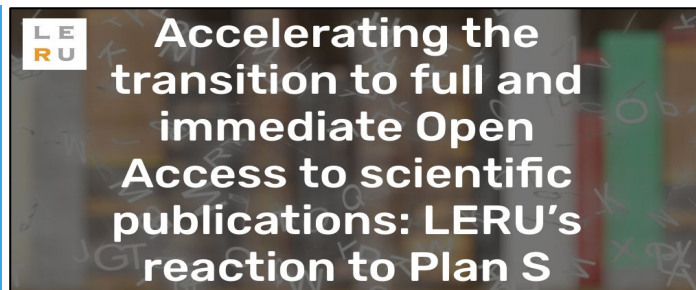


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# Initial reactions to Plan S



A Response to Plan-S from Academic  
Researchers: Unethical, Too Risky!

STM statement on Plan S: Accelerating the transition to full and immediate Open Access to scientific publications

[EUA \(2018\)](#) | [LERU \(2018\)](#) | [STM \(2018\)](#) | [Kamerlin et al \(2018\)](#)



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# Early-career researchers on Plan S



## Joint Statement on Open Access for Researchers via Plan S

[Plan S](#) calls for all scientific publications on the results of research funded by national and European research councils and funding bodies to be published in compliant [Open Access](#) journals or on compliant Open Access platforms by 01 January 2020. The plan was initiated by the Open Access Envoy of the European Commission and Science Europe and will be implemented by cOAlition S. The coalition currently includes [11 national funders](#) and is supported by the European Commission and European Research Council. Plan S consists of [10 principles](#) to be enacted by coalition members. We, representatives of early-career and senior researchers in Europe, commend cOAlition S for taking this bold and ambitious step towards Open Access and offer our support as well as comments on implementing Plan S.

## Joint Statement on Implementation Guidance for Plan S

[Plan S](#) is an initiative by [cOAlition S](#) to achieve full and immediate Open Access to scientific publications after 01 January 2020 in Europe. At the heart of the plan are [10 principles](#) currently being developed into a set of [implementation guidelines](#). We, representatives of early-career and senior researchers across Europe, have already [commented on Plan S](#) and hereby reaffirm our general support and offer our views on the implementation guidance.

We commend cOAlition S for addressing initial concerns and for the [open consultation](#) on the guidance. There are now three clear routes to compliance via either author-accepted manuscripts or versions of record of publications. It is crucial, however, that cOAlition S ensures that these routes are viable through appropriate regulations, funding, and support.

[Eurodoc \(2018\)](#) | [Eurodoc \(2019\)](#)



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# 10 principles of Plan S

- (1) authors/institutions retain **copyright** & default **CC BY**
- (2) robust **requirements** for quality journals/platforms
- (3) incentives & **support** to develop journals/platforms
- (4) **fees** covered by funders/ institutions not researchers
- (5) **diversity** of business models & **transparent** standard fees
- (6) **alignment** of policies & strategies for transparency
- (7) recognition that more time is needed for **books**
- (8) hybrid models allowed via **transformative agreements**
- (9) funders will monitor & sanction **(non-)compliance**
- (10) funders will **assess** research on intrinsic merit of works

## 10 Principles of Plan S



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# Implementation of Plan S

	Open Access publishing venues (journals or platforms)	Subscription venues (repository route)	Transition of subscription venues (transformative arrangements)
Route	Authors publish in an Open Access journal or on an Open Access platform.	Authors publish in a subscription journal and make either the final published version (Version of Record (VoR)) or the Author's Accepted Manuscript (AAM) openly available in a repository.	Authors publish Open Access in a subscription journal under a transformative arrangement.
Funding	cOAlition S funders will financially support publication fees.	cOAlition S funders will not financially support 'hybrid' Open Access publication fees in subscription venues.	cOAlition S funders can contribute financially to Open Access publishing under transformative arrangements.

## Implementation of Plan S



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# Learn more about Open Science!



**eurodoc**  
The European Council of Doctoral  
Candidates and Junior Researchers



**OPEN SCIENCE  
AMBASSADORS**



Eurodoc Open Science Ambassador Training



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